

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-13. (Canceled)

14. (Original) A method for treating a disease or disorder by administering to a patient in need of such treatment a substance that modulates the activity of a phosphatase substantially identical to an amino acid sequence set forth in SEQ ID NO:2.

15. (Original) The method of claim 14, wherein said disease or disorder is selected from the group consisting of cancers, immune-related diseases and disorders, cardiovascular disease, brain or neuronal-associated diseases, metabolic disorders and inflammatory disorders.

16.-32. (Canceled)

33. (New) The method of claim 15, wherein said disease or disorder is selected from the group consisting of cancers of tissues; cancers of blood or hematopoietic origin; cancers of the breast, colon, lung, prostate, cervical, brain, ovarian, bladder or kidney.

34. (New) The method of claim 15, wherein said disease or disorder is selected from the group consisting of central or peripheral nervous system diseases, migraines; pain; sexual dysfunction; mood disorders; attention disorders; cognition disorders; hypotension; hypertension; psychotic disorders; neurological disorders and dyskinesias.

35. (New) The method of claim 15, wherein said disease or disorder is selected from the group consisting of inflammatory disorders including rheumatoid arthritis, chronic inflammatory bowel disease, chronic inflammatory pelvic disease, multiple sclerosis, asthma, osteoarthritis, psoriasis, atherosclerosis, rhinitis, autoimmunity, and organ transplant rejection.

36. (New) The method of claim 15, wherein said substance modulates phosphatase activity *in vitro*.

37. (New) The method of claim 36, wherein said substance is a phosphatase inhibitor.